

## INTERNATIONAL SEARCH REPORT

International application N .

PCT/JP00/01678

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>Int.Cl <sup>7</sup> G03G 9/087<br>G03G 15/20, 108<br>G03G 15/08, 507<br>According to International Patent Classification (IPC) or to both national classification and IPC   |   |  |
|---|---|--|
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>Int.Cl <sup>7</sup> G03G 9/087<br>G03G 15/20, 108<br>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2000<br>Kokai Jitsuyo Shinan Koho 1971-2000 Jitsuyo Shinan Toroku Koho 1996-2000<br>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  |   |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |   |  |
| Category*   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.  |
| A   | JP, 63-193155, A (Fujitsu Limited),<br>10 August, 1988 (10.08.88).<br>Claims; page 2, lower right column, line 6 to page 3, upper left column, the last line; page 3, lower right column, line 1 to the last line; page 4, upper right column, line 17 to lower left column, line 6 (Family: none)        | 1, 6, 10, 14, 19   |
| A   | US, 5691096, A (International Business Machines Corporation), 16 January, 1991 (16.01.91)<br>& EP, 391523, A & DE, 69026750, E<br>& JP, 3-7952, A<br>page 1, lower right column, line 11 to page 2, lower right column, line 9; page 3, lower right column, line 18 to page 4, upper right column, line 2 | 1, 6, 10, 14, 19   |
| A   | JP, 5-297626, A (Minolta Camera Co., Ltd.),<br>12 November, 1993 (12.11.93),<br>Claim 1, Claim 2; Par. Nos. [0004] to [0010], [0015] to [0016], [0024] to [0028], [0030] to [0033] (Family: none)   | 1, 6, 10, 14, 19   |
| A   | JP, 10-301332, A (Fuji Xerox Co., Ltd.),<br>13 November, 1998 (13.11.98),   | 1, 2, 10, 11, 12, 18   |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.  |   |  |
| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier document but published on or after the international filing date<br>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art<br>"&" document member of the same patent family |   |  |
| Date of the actual completion of the international search<br>13 June, 2000 (13.06.00)   |   | Date of mailing of the international search report<br>27 June, 2000 (27.06.00) |
| Name and mailing address of the ISA/<br>Japanese Patent Office  |   | Authorized officer   |
| Facsimile No.   |   | Telephone N .  |

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|-----------|---|-----------------------|
|           | Claim 1, Claim 2, Claim 10; Par. Nos. [0031] to [0034], [0106] (Family: none)   |                       |
| A         | WO, 9923534, A1 (SANYO CHEMICAL IND LTD (JP), 21 May, 1999 (21.05.99)<br>& JP, 11-133665, A & JP, 11-133667, A<br>& JP, 11-133668, A & JP, 11-133669, A<br>& JP, 11-133680, A & JP, 11-133681, A<br>& JP, 11-133666, A<br>Claim 7; Par. Nos. [0023], [0029] | 1,2,10,11,12,<br>18   |
| A         | US, 5595850, A (POWDERTECH CO LTD (JP), 23 January, 1996 (23.01.96)<br>& EP, 691582, A1 & DE, 69509975, E<br>& JP, 8-22150, A<br>Claims 1 to 5; Par. Nos. [0009] to [0016], [0022], [0031] to [0034], [0047] to [0049]                                      | 7,8,20,21             |
| A         | JP, 6-130851, A (Hitachi Koki Co., Ltd.), 13 May, 1994 (13.05.94),<br>Par. Nos. [0011], [0019] to [0023] (Family: none)   | 9,22                  |
|           | JP, 5-72812, A (Hitachi Koki Co., Ltd.), 26 March, 1993 (26.03.93),<br>Par. No. [0037] (Family: none)   | 9,22                  |